

CLAIMS

1. A stator for a flotation cell to be used in the flotation of slurry-like material, such as ore and concentrate containing valuable minerals, said stator including
5 flow regulators that are spaced apart, **characterized** in that the stator flow regulators (2; 33; 34; 35) are installed to be movable, so that the flow regulators (2; 33; 34; 35) can be adjusted at a desired distance (3) from the rotor rotation axis (5; 36).
- 10 2. A stator for a flotation cell according to claim 1, **characterized** in that the stator flow regulators (2; 33; 34; 35) are movable, so that the flow regulators are located at an essentially equal distance (3) from the rotor rotation axis (5; 36).
3. A stator for a flotation cell according to claim 1, **characterized** in that the
15 stator flow regulators (2; 33; 34; 35) are movable, so that at least in two flow regulators, an unequal distance between the rotor and the stator can be achieved by moving those sides (37; 38; 39) of the flow regulators that are located nearest to the rotor to unequal distances from the rotor rotation axis (5; 36).
- 20 4. A stator for a flotation cell according to claim 1, **characterized** in that the stator flow regulators (2; 33; 34; 35) are movable, so that the side (37; 38; 39) of every second flow regulator that is placed nearest to the rotor is located further away from the rotor rotation axis (5; 36) than that side of the flow
25 regulator located in between said two flow regulators and placed nearest to the rotor of the flow regulator.
5. A stator for a flotation cell according to claim 1, **characterized** in that the stator flow regulators (2; 33; 34; 35) are movable, so that that side (37; 38; 39)
30 of every third flow regulator that is placed nearest to the rotor is located further away from the rotor rotation axis (5; 36) than the flow regulators placed between said flow regulators.